

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1 to 9. (Canceled)

10. (Currently Amended) A data server, to which a portable terminal is connected via a network for receiving contents from a plurality of web servers that respectively provide the contents, comprising:

an image compressor for reducing sizes or number of colors of images;

a proxy unit for determining whether a uniform resource locator (URL) received from the portable terminal is a channel URL associated with a set of URLs, each URL of the set corresponding to a web server that provides contents of a predetermined subject, and if so, requesting the contents from the plurality of web servers associated with the respective URLs of the set, monitoring the contents received from the plurality of web servers in response to the requesting to determine whether any of the received contents include image information, and if any of the received contents include image information, calling the image compressor to convert the image information by reducing sizes or number of color of images according to standard of the portable terminal;

a channel generator for gathering the received contents of the predetermined subject and binding the gathered contents into a single channel of contents prior to transmission of the single channel of contents to the portable terminal,

wherein the proxy unit transmits the single channel of contents to portable terminal, and wherein the portable terminal includes a plurality of channel icons that respectively have channel URL information of a predetermined subject, and wherein a user selection of a channel icon of the portable terminal causes the respective channel URL to be transmitted from the portable terminal to the data server.

11. (Original) The data server of claim 10, further comprising a filter for filtering information that is inappropriate or not necessary for the portable terminal, from among the contents transmitted by the web servers.

12. (Canceled)

13. (Previously Presented) The data server of claim 10, wherein the channel generator inserts advertisement contents into the contents of the predetermined subject and channels them.

14. (Previously Presented) The data server of claim 10, wherein the web servers provide the contents to the data server via the network.

15. (Canceled)

16. (Canceled)

17. (Currently Amended) The data server of claim ~~[[16]]~~ 10, wherein the channel icon of the portable terminal is downloaded from the data server.

18. (Currently Amended) The data server of claim ~~[[16]]~~ 10, wherein the portable terminal comprises a program for making or editing the channel icon.

19. (Currently Amended) The data server of claim ~~[[16]]~~ 10, wherein the portable terminal receives the channel icon via a computer, the channel icon being made or edited by the user using the computer that includes the program for making or editing the channel icon.

20. (Previously presented) In a service method of a network service system having a data server, to which a portable terminal is connected via the network for receiving contents from a plurality of web servers that provide the contents, a network service method comprising:

determining whether a uniform resource locator (URL) received from the portable terminal is a channel URL associated with a set of URLs, each URL of the set corresponding to a web server that provides contents of a predetermined subject, and if so, requesting the contents from a plurality of web servers associated with the respective URLs of the set;

monitoring the contents received from the plurality of web servers in response to the requesting to determine whether any of the received contents include image information, and if any of the received contents include image information, converting the image information by reducing sizes or number of color of images according to a standard of the portable terminal;

gathering the received contents of the predetermined subject and binding the gathered

contents into a single channel of contents prior to transmission of the single channel of contents to the portable terminal; and

transmitting the single channel of contents to the portable terminal via the network.

21. (Original) The network service method of claim 20, further comprising: filtering information that is inappropriate or not necessary for the portable terminal, from among the contents provided by the web server.

22. (Canceled)

23. (Previously Presented) The network service method of claim 21, wherein in the performance of channeling, advertisement contents are inserted into the contents of a predetermined subject and then a channeling step is performed on them.

24. (Currently Amended) In a network service system, to which a portable terminal is connected via the network for receiving contents from a plurality of web servers that provide the contents, a network service system comprising:

a data server for determining whether a uniform resource locator (URL) received from the portable terminal is a channel URL associated with a set of URLs, each URL of the set corresponding to a web server that provides contents of a predetermined subject, and if so, retrieving the contents from the plurality of web servers associated with the respective URLs of the set, for receiving the contents from the web servers, gathering the contents of a predetermined subject provided by the web servers and binding them into a single channel, processing the contents of the single channel to convert them according to standards of the portable terminal, and transmitting the single channel of converted contents to the portable terminal via the network; and

an advertisement server, connected to the data server via the network, for storing various advertisement contents.

25. (Original) The system of claim 24, wherein the data server comprises:

an image compressor for receiving the contents from the web servers, reducing sizes and number of colors of images of the contents and compressing the images according to standards of the portable terminal;

a filter for filtering information that is inappropriate or not necessary for the portable terminal from among the contents transmitted by the web server;

a channel generator for gathering the contents of a predetermined subject provided by the web servers and binding them into a single channel;

a user database for storing user data corresponding to user information input by the portable terminal; and

a proxy unit for monitoring the data transmitted by the portable terminal or the web server, and calling and controlling the image compressor, the filter and the channel generator according to the data.

26. (Original) The system of claim 25, wherein the proxy unit calls the image compressor when the contents transmitted by the web server include image information.

27. (Original) The system of claim 25, wherein the proxy unit checks whether a URL input by the portable terminal is a channel URL that is of a set of URLs of the web servers that provide the contents of a predetermined subject, and in the case the URL input by the portable terminal is a channel URL, the proxy unit calls the channel generator.

28. (Original) The system of claim 25, wherein the channel generator inserts advertisement contents transmitted by the advertisement server into the contents of a predetermined subject provided by the web server and binds them.

29. (Original) The system of claim 28, wherein the proxy unit extracts user data corresponding to user information input by the portable terminal from the user database and transmits the extracted user data to the advertisement server, and the advertisement server transmits the advertisement contents based on the extracted user data to the proxy unit.

30. (Original) The system of claim 29, wherein the user information includes ID and passwords, and the user data include at least one of user's general information, electronic commerce information and previously transmitted advertisement information.

31. (Original) The system of claim 29, wherein the advertisement server is connected to the data server via an exclusive network.

32. (Original) The system of claim 29, wherein the advertisement server connected to the data server via the network is a web server of an advertisement contents provider.

33. (Original) The system of claim 29, wherein in the case the converted contents comprise a plurality of streams, the proxy unit controls timing of each transmission stream.

34. (Previously presented) In a network service method of a network service system, to which a portable terminal is connected via the network for receiving contents from a plurality of web servers that provide the contents, a network service method comprising:

searching, when a uniform resource locator (URL) of a web server for providing the contents via the portable terminal and user information are input, a user database and extracting user data;

determining whether the inputted URL is a channel URL associated with a set of URLs, each URL of the set corresponding to a web server that provides contents of a predetermined subject, and if so, requesting the contents from a plurality of web server associated with the respective URLs of the set, and transmitting the extracted user data to an advertisement server;

filtering information that is inappropriate or not necessary for the portable terminal from among the contents received from the plurality of web servers, the filtering comprising reducing sizes or number of colors of images of the contents or compressing the images according to a standard of the portable terminal, and inserting advertisement contents corresponding to the user data transmitted by the advertisement server into the filtered contents to convert the contents;

gathering the filtered contents of the predetermined subject binding the gathered contents into a single channel of contents; and

transmitting the single channel of contents to the portable terminal via the network.

35 to 46. (Canceled)